6L5-G

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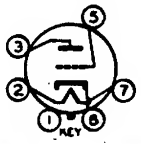
DETECTOR AMPLIFIER TRIODE

Heater	Coated Unipotential Cathode		
Voltage	6.3		a-c or d-c volts
Current	0.15		amp.
Direct Interelectrode Capacitances:⊙			
Grid to Plate	2.7		μμf
Grid to Cathode	3.0		μμf
Plate to Cathode	5.0		μμf
Maximum Overall Length			4-1/8"
Maximum Diameter			1-9/16"
Bulb			ST-12
Base			Small Shell Octal 6-Pin
Pin 1-No Connection			Pin 5-Grid
Pin 2-Heater			Pin 7-Heater
Pin 3-Plate			Pin 8-Cathode



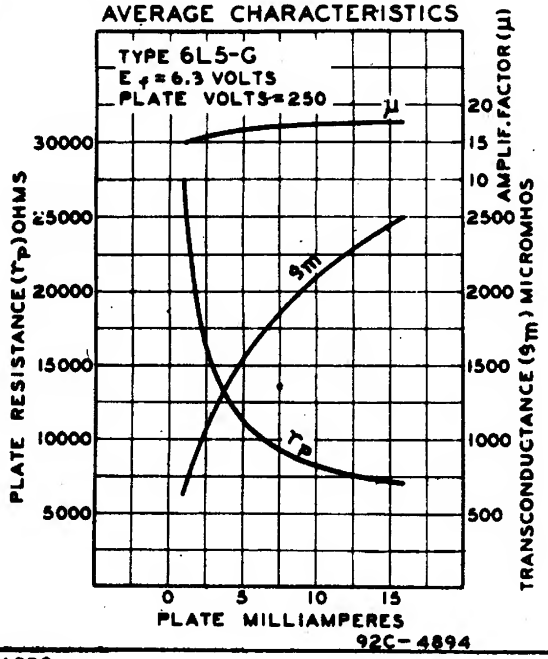
BOTTOM VIEW

AMPLIFIER - Class A

Operating Conditions and Characteristics:			
Heater *	6.3	6.3	volts
Plate	135	250 max.	volts
Grid	-5	-9	volts
Amp. Fact.	17	17	
Plate Res.	11200	9000	ohms
Transcond.	1500	1900	μmhos
Plate Cur.	3.5	8	ma.
Grid Bias **	-11	-20	approx. volts

** For cathode current cut-off.
* In circuits where the cathode is not directly connected to the heater, the potential difference between heater and cathode should be kept as low as possible.
⊙ With tight-fitting shield.

AVERAGE CHARACTERISTICS



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6L5-G

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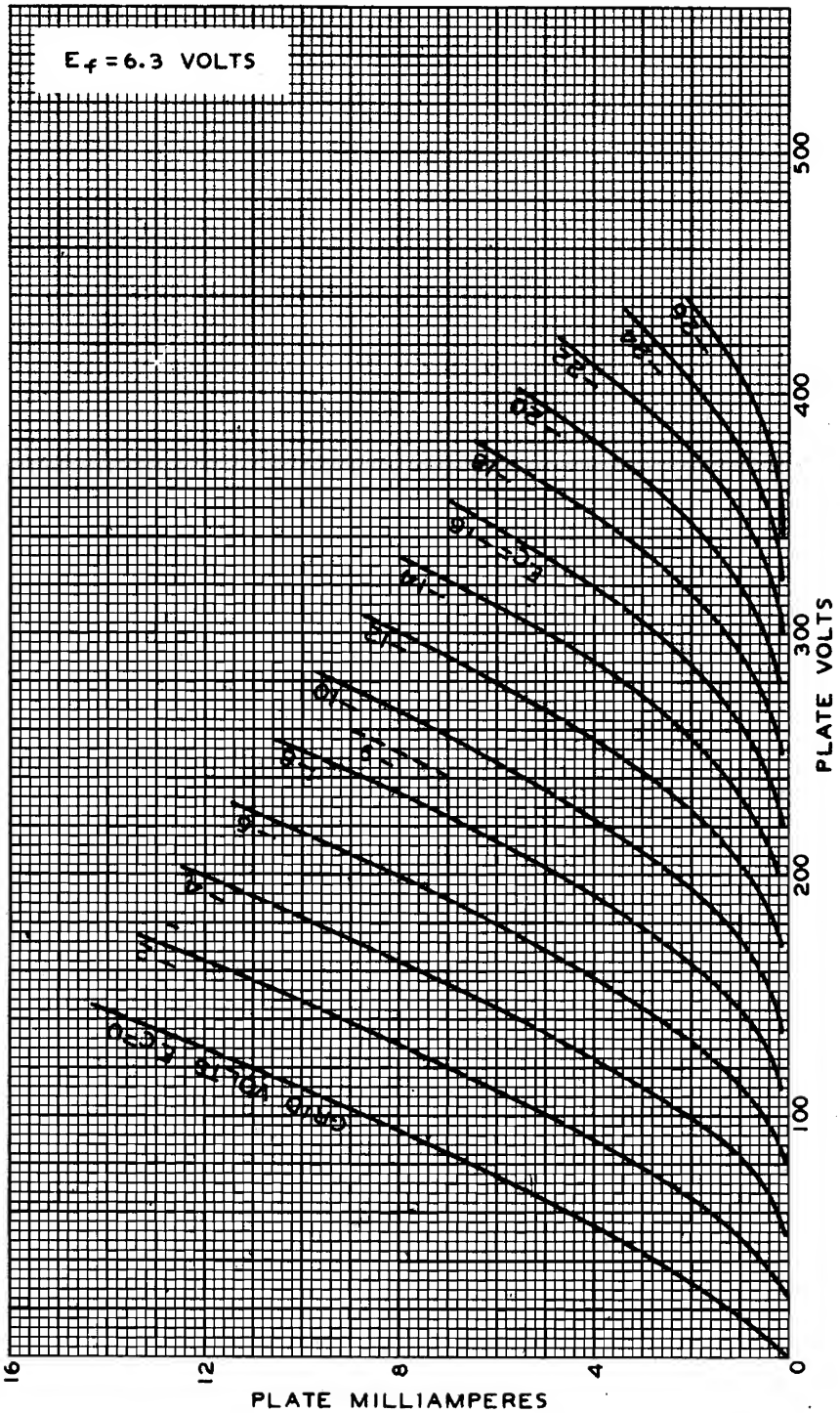
AVERAGE PLATE CHARACTERISTICS



MARCH 8, 1938

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